



Sep-29-04 04:23pm From:HBS&R

1978-341-0136

T-506 P.02/02 F-266

SEP 29 2004

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISS' FEE
Commissioner Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

021005

7590

09/17/2004

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

530 VIRGINIA ROAD

P.O. BOX 9133

CONCORD, MA 01742-9133

09/30/2004 HWUNDP2 00000118 080380 10661117

01 FC:2501 665.00 DA
02 FC:1504 300.00 DA
03 FC:8001 45.00 DA

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUR FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Jennifer A. Tardiff (Depositor's name)
Jennifer A. Tardiff (Signature)
9-29-04 (Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO
10/661,117	09/12/2003	Alan J. Kirby	0050.1613-002	6484

TITLE OF INVENTION HYBRID ELECTRONIC/OPTICAL SWITCH SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$300	\$965	12/17/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
MULLEN, THOMAS J	2632	398-100000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Hamilton, Brook,
Smith & Reynolds, P.C.
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Massachusetts Institute of Technology

Cambridge, Massachusetts

Please check the appropriate assignee category or categories (will not be printed on the patent):

☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 15

4b. Payment of Fee(s)

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 08-0380 (enclose an extra copy of this form)

5. Change in Entity Status (from status indicated above)

- ☒ a Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Typed or printed name James M. Smith

Date

Registration No 28,043

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

PTO Form 1001 (Rev. 09/04) approved for use through 04/30/2007

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PAGE 2/2 * RCVD AT 9/29/2004 4:24:05 PM [Eastern Daylight Time] * SVR:USPTO-EFXXRF-2/0 * DNIS:7464000 * CSID:1978 341 0136 * DURATION (mm:ss):01:06



SEP 29 04 04:23pm From:HBS&R

1978-341-0136

T-506 P.01/02 F-266

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
530 Virginia Road, P.O. Box 9133
Concord, MA 01742-9133

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

FACSIMILE FILING OF PTO DOCUMENT

Examiner: Thomas J. Mullen **Group:** 2632

Date: September 29, 2004

Client Code: 0050

Facsimile No.: Issue Fee - 703-746-4000

From: James M. Smith, Esq.

Subject: Paper: Issue Fee Transmittal

Docket No.: 0050.1613-002

Applicant: Alan J. Kirby

Serial No.: 10/661,117

Filing Date: September 12, 2003

Number of pages including this cover sheet: 2

Please confirm receipt of facsimile: Yes XX No

Comments:

@PFDesktop\ ODMA\MHODMA\HBSRU5\Manage_502674.1

Privileged and Confidential - All information transmitted hereby is intended only for the use of the addressee(s) named above. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any distribution or copying of this communication is strictly prohibited. Anyone who received this communication in error is asked to notify us immediately by telephone and to destroy the original message or return it to us at the above address via first class mail.